

**AMENDMENTS TO THE SPECIFICATION**

Please add the following paragraph before paragraph 1 of the application as filed:

**BACKGROUND**

**FIELD OF THE INVENTION**

Please add the following paragraph between paragraphs 1 and 2 of the application as filed:

**RELATED ART**

Please add the following paragraph between paragraphs 7 and 8 of the application as filed:

**SUMMARY**

Please replace paragraph 9 of the application as filed with the following paragraph:

[0009] This object is solved with an assembly of the fractionating unit as detailed in the characterizing features below ~~disclosed in claim 1~~.

Please replace paragraph 13 of the application as filed with the following paragraph:

[00013] This type of encapsulated assembly is advantageous from an electro-physical and operational technical point of view, wherein its features are further specified ~~in the dependent claims 2 to 9~~ below.

Please replace paragraph 14 of the application as filed with the following paragraph:

[00014] ~~According to claim 2~~ According to an embodiment, the wall of the encapsulation has a removable section for the batch-feeding or to gain access for a continuous feed-  
in ~~(claim 3)~~, depending on the mode of operation. In any case, in the exemplary embodiment  
sections of the encapsulation must be removable for repair work.

Please replace paragraph 15 of the application as filed with the following paragraph:

[00015]        In an embodiment~~According to claim 3~~, at least one outward-pointing pipe section of a conductive material is provided in the encapsulation wall for the batch-type feeding to ensure a continuous processing of the fragmentation product, as well as at least one additional pipe section for the material removal. Owing to the electrical screening toward the outside, the length and clear width of these pipe sections are dimensioned such that at least the high-power, high-frequency shares in the spectrum of the electromagnetic field, generated by the high-voltage pulse, do not escape through these pipe sections, or at the very least are weakened to the legally prescribed level while still inside the pipe sections, meaning prior to reaching the pipe opening to the environment.

Please replace paragraph 16 of the application as filed with the following paragraph:

[00016]        The energy store and the reaction vessel are spatially separated inside the encapsulation. According to an embodiment~~According to claim 4~~, the energy store is located in one inside front wall region of the encapsulation and the reaction vessel is located in its other front wall region or is formed by this region.

Please replace paragraph 17 of the application as filed with the following paragraph:

[00017]        ~~According to claim 5~~In an embodiment, the encapsulation is a closed, tubular body with a polygonal or round cross section, wherein the encapsulation can either be elongated or can be angled at least once. The structural design is determined by the installation plans, with the elongated form representing the simplest form.

Please replace paragraph 18 of the application as filed with the following paragraph:

[00018]        According to an embodiment, ~~The~~the electrode at reference potential is consequently positioned in the center of the front wall of the reaction vessel while the high-voltage electrode is positioned at a distance thereto in the center of the opposite wall (claim 6). The high-voltage electrode is connected directly to the output switch of the energy store, wherein this output switch is the output spark gap when a Marx generator is used for the energy store. As a result, the electrically most advantageous and the insulation-technically most useful coaxial design is obtained for any type of encapsulation, thus making it possible to satisfy the requirements of encapsulation and the lowest inductivity, typical for these units.

Please replace paragraph 19 of the application as filed with the following paragraph:

[00019]        In an embodiment, ~~According to claim 7,~~ there are no restrictions concerning the set-up of the unit. The electrical energy store together with the output switch is positioned inside the encapsulation, either spatially above, or at the same level, or spatially below, relative to the reaction vessel.

Please replace paragraph 20 of the application as filed with the following paragraph:

[00020]        According to an embodiment, ~~According to claim 8,~~ the electrode at reference potential in most cases is the earth electrode, the center portion of the front, or the screening bottom, or the ring-shaped or rod-shaped electrode, depending on the type of fragmentation.

Please replace paragraph 21 of the application as filed with the following paragraph:

[00021]      In an embodiment, ~~According to claim 9,~~ the energy store is separated from the reaction vessel by a protective wall, so that the reaction chamber is separated fluid-tight from the region of the energy store.

Please add the following paragraph between paragraphs 28 and 29 of the application as filed:

**BRIEF DESCRIPTION OF THE DRAWINGS**

Please add the following paragraph between paragraphs 34 and 35 of the application as filed:

**DETAILED DESCRIPTION**